

DALLAN JONES

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Professional Summary

Full-Stack Developer specializing in enterprise software development, workflow automation, and scalable business applications. Experienced in translating complex business requirements into secure, high-performance solutions while modernizing legacy systems and streamlining operational workflows. Passionate about solving complex business problems through automation, cloud technologies, and modern software engineering practices.

Core Qualifications

- **Workflow Automation:** Automated document processing, data entry, inventory management, payment collection, reporting, email communications, customer onboarding, invoicing, scheduling, and compliance workflows.
- **Industry Experience:** Insurance platforms, automotive dealerships, financial services, healthcare, e-commerce, and logistics.
- **Software Development:** Modernizing legacy applications, designing scalable business systems, collaborating with clients and project coordinators, AI-assisted development workflows, CI/CD pipelines, DevOps practices, relational and NoSQL databases, automated testing, Git-based team development, Agile/Scrum methodologies, technical documentation, performance optimization, and continuous process improvement.

Technical Skills

- **Backend:** Laravel, PHP, Node.js, REST APIs, WebSockets, Blade, Livewire, Eloquent ORM, Queue Processing, Event Broadcasting
- **Frontend:** Vue.js, React, Pinia, Vuex, Vue Router, Alpine.js, Tailwind CSS, Bootstrap, Sass, jQuery
- **Languages:** PHP, JavaScript, TypeScript, Python, SQL, Bash, GML
- **Databases:** MySQL, MongoDB, Redis, Firebase
- **Testing:** Pest, PHPUnit, Vitest, Jest
- **Cloud & DevOps:** AWS, Microsoft Azure, Docker, Git, GitHub Actions, Nginx, Apache, Linux
- **Architecture & Integrations:** API Development, Third-Party Integrations, Payment Integrations, Webhooks, Authentication & Authorization, JSON/XML, SOAP, OAuth, JWT
- **AI & Automation:** OpenAI API, AssemblyAI, FFmpeg
- **Tools & Other:** Google Maps API, Moneris, U.S. Bank API, Composer, Vite, Spatie Packages, Lodash

Experience

Freelance Full-Stack Developer

Amity Results

Edmonton, AB 06/2025 - Current

- Managed the full software development lifecycle including requirements gathering, architecture design, development, testing, deployment, and ongoing maintenance for clients.
- Developed an automated PHP **media processing application** that transcribes lecture videos, translates captions into multiple languages, and burns subtitles directly into video content, significantly reducing manual localization effort for university course materials.
- Configured and customized a Shopify storefront by integrating a new theme to an active store, tailoring layouts, and optimizing the shopping experience to align with the client's branding and business requirements.

Full-Stack Developer

Fabled Solutions

Edmonton, AB 09/2022 - 03/2025

- Extended a legacy enterprise automotive F&I application used by 2,000+ dealerships by developing a **screen auditing and AI transcription platform** with Laravel and Vue, integrating AssemblyAI speaker-separated transcription, Azure Blob Storage cloud streaming, FFmpeg media processing, synchronized subtitles, word-level transcript playback, and application event tracking to create searchable compliance records of customer presentations.
- Architected a **real-time collaborative editing system** using Laravel, **WebSockets**, Presence Channels, Vue and Vuex that enforced single-user edit ownership, prevented concurrent data conflicts, and supported role-based override permissions.
- Engineered a **role-based claims management dashboard** with advanced server-side filtering, relational search, and workflow-aware business logic; optimized **SQL** queries and data retrieval, reducing page load times by over 600ms while supporting complex permission-based access control.
- Developed a cloud-based **digital home inspection platform** featuring configurable inspection templates, pass/fail evaluation workflows, **cloud media uploads**, client-side image compression, asynchronous processing, video streaming, and automated PDF report generation for insurance inspection operations.
- Built bulk CSV/Excel import and export tools for inspection templates and data management, reducing manual data entry and enabling rapid configuration of inspection workflows.

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- Developed an automated **XML data synchronization pipeline** that consumed scheduled SOAP/XML feeds, parsed complex hierarchical data, and synchronized roles, permissions, organizational hierarchies, and relational data across the platform, eliminating manual data maintenance and ensuring organizational data remained accurate and up to date.

Junior Full-Stack Developer

Fabled Solutions

Edmonton, AB 03/2022 - 09/2022

- Designed and implemented scalable external **RESTful APIs** using Laravel, documented with Scramble, enabling insurance companies to securely transmit policy data directly into the platform, reducing manual record creation and streamlining onboarding of external partners.
- Designed and developed an advanced psychologist directory with multi-criteria search, geolocation, and virtual/in-person matching, enabling clients to accurately find mental health professionals based on specialty, location, availability, and other search preferences.
- Implemented a **US Bank Virtual Card payment integration**, automating virtual credit card issuance, payment processing, webhook handling, and real-time claim status synchronization for an enterprise insurance claims platform, eliminating manual payment processing while improving payment accuracy and operational efficiency.
- Developed a **dynamic vehicle purchasing workflow** for a **multi-dealership automotive sales platform**, integrating dealership inventory through **API integrations** and guiding customers through a complete online purchasing wizard with **real-time pricing calculations**, trade-ins, financing selections, protection products, insurance options, and dealership-specific configurations. Built an **embeddable website widget** allowing dealerships to seamlessly direct customers into the platform.
- Implemented complex **government tax integrations** including federal, provincial, and BC luxury taxes using reusable Laravel architecture, database-driven rules, and Vue.js administrative interfaces to support accurate pricing across dealership locations.

Education

Web Development Immersive Certificate

Juno College

Toronto, ON

2021-2022

Computer Science & Business Economics

Brock University

St. Catharines, ON

2016-2021

Projects

AI SUBTITLE AUTOMATION TOOL: (2026)

- Developed a scalable script to transcribe, translate and embed subtitles using PHP, AssemblyAI and FFmpeg

SECURE REAL-TIME CHAT PLATFORM: (2022)

- Creator of a real-time chat featuring single or group chats, utilizing PHP, MySQL, JavaScript, jQuery and **Pretty Good Privacy encryption**

RPG ENGINE: (2023)

- Designed and developed a 2D RPG engine with quest, inventory, dialog, and NPC systems built using **Game Maker Studio 2**

Mentorship

Juno College: Coding Bootcamp Mentor (2021 - 2022)

- Conducted one-on-one mentoring sessions to support students with coursework, programming concepts, and career development.
- Guided students through debugging, testing, and refactoring code while teaching effective problem solving and software development practices.
- Reviewed projects and provided feedback on code quality, maintainability, and application design.
- Mentored students during and after the program, supporting their transition into professional software development.